Chapter 5
Accessing AILESP Custom Data

AILESP Version 2.1 incorporates extensive data on tribal areas, facilities, and environmental hazards. For more information on the source databases, refer to appendices A, B, C, and D. You may access the AILESP custom data layers through custom ArcView tools, menu options, and themes.

5.1 TRIBAL AREA CENSUS DATA

AILESP v.2.1 provides census data for all Tribal Areas. Using the Tribal Areas Demographics tool you can display education, population, language, and income information for any Tribal Area.

1.   To access Demographic Information, you must first select the "Tribal Areas" theme by clicking on it in the Table of Contents.

2.   Make sure that your view is zoomed to a proper extent.

3.   Click the Tribal Areas Demographics tool [icon] on the toolbar. The cursor becomes a cross hair.

4.   Move the cross hair over the desired Tribal Area and click on it.

5.   The Identify Results screen opens containing demographic information for the specified Tribal Area. Below is an example of the information contained in the Identify Results screen.

> Tribe Name
> Population
> Per Capita Income
> Education: Grades 1 - 8
> Education: Grades 9 - 12
> High School Diploma
> Education: Some College
> Education: Associate Degree
> Education: Bachelor's Degree
> Education: Postgraduate
> English
> Spanish
> Native American
> Other Language

5.2   FACILITY DATA

AILESP v.2.1 provides general facility information, as well as enforcement and compliance information, and toxic release information for EPA regulated facilities that are within five kilometers of a Tribal Area.

5.2.1 Facility Information

AILESP v.2.1 provides general locational and permit information for facilities that are located within five kilometers of a Tribal Area.

6.   In order to access Facility Information, you must first select the "Facilities on or w/in 5 km of Tribal Areas" theme by clicking on it in the Table of Contents.

7.   Make sure that your view is zoomed to a proper extent.

8.   Click the Facility Information tool 🔲 on the toolbar or select Facility Information from the Facility Info menu. The cursor becomes a cross hair.

9.   Move the cross hair over the desired facility and click on it.

10.   The Facility Report screen opens displaying facility-specific information. Below is an example of the information contained in the Facility Report screen.

Facility Name: CARBORUNDUM ABRASIVES COMPANY
Facility ID: NYD000688911
Street Address: 6600 WALMORE RD BLDG W4-1
City: NIAGARA FALLS
State: NY
ZIP Code: 14304
EPA Region: 02

Nearest Reservation (within 5 km):Tuscarora

AFS Permits: Yes
BRS Permits: Yes
PCS Permits: Yes
RCRIS Permits: Yes
TRI Permits: Yes

AFS Permit(s): 3606300014
3606300200

AFS Industrial Sector: Abrasive Products
Currently in Significant Non-compliance: No
Pollutant(s):

CO
NO2
PT
SO2
VOC

BRS Permit(s): NYD000688911
NYD000829606

BRS Industrial Sector: Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers
Pollutant(s):
1,4-DIETHYLENEOXIDE
2-BUTANONE (I,T)
2-FURANCARBOXALDEHYDE (I)
ACETIC ACID, LEAD(2+) SALT
BENZENAMINE, 4-NITRO-
BENZENE, CHLORO-
CARBON DISULFIDE
CHLOROBENZENE
CHROMIUM
CORROSIVE WASTE
IGNITABLE WASTE
LAB PACK
LEAD
MERCURY
METHANOL (I)
PHENOL
SELENIUM
TETRACHLOROETHYLENE
THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN
THE FOLLOWING SPENT HALOGENATED SOLVENTS:
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE,
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE,

PCS Permit(s): NY0001716

PCS Industrial Sector: Abrasive Products
Currently in Significant Non-compliance: No
Pollutant(s):
1,1,1-TRICHLOROETHANE
AMMONIA
ZINC

RCRIS Permit(s):   NYD000688911
                          NYD000829606

RCR Industrial Sector: NA
Currently in Significant Non-compliance: No

TRI Permit(s):   14304CRBRN6600W
                          14304KNLPL6600W

TRI Industrial Sector: Abrasive Products
Pollutant(s):
1,1,1-TRICHLOROETHANE
FORMALDEHYDE
PHENOL
ZINC COMPOUNDS

5.2.2 Enforcement and Compliance Information

AILESP v.2.1 provides enforcement and compliance information for facilities that are located within five kilometers of a Tribal Area. Compliance and enforcement information is tracked in AFS, PCS and RCRIS. Therefore, compliance and enforcement information is only available for facilities that hold permits in these data systems.

1.   In order to access enforcement and compliance information, you must first select the "Facilities on or within 5 km of Tribal Areas" theme by clicking on it in the Table of Contents.

2.   Make sure that your view is zoomed to a proper extent.

3.   Click the AFS Compliance tool 🔲, the PCS Compliance tool 🔲, or the RCRIS Compliance tool 🔲 on the toolbar or select the desired option from the Facility Information menu. The cursor becomes a cross hair.

4.   Move the cross hair over the desired facility and click on it. If you have selected the AFS Compliance tool, make sure that you click on an AFS or Multiple Permit facility. Likewise, click on PCS or Multiple Permit facilities with the PCS Compliance tool and click on Multiple Permit facilities with the RCRIS Compliance tool. If the tool that you selected and the facility type do not match then a message appears indicating that no information is available.

5.   The Compliance Information screen appears displaying facility-specific compliance and enforcement information. Below is an example of the data fields contained in the Compliance Information screen.

AFS
Facility ID: NYD000688911
EPA Region: 02
Nearest Reservation (within 5 km):   Tuscarora

AFS Permit ID: 3606300014
AFS Facility Name: NORTON MATERIALS\WHEAT FIE
AFS Street Address: 6600 WALMORE ROAD
AFS City: NIAGARA FALLS
AFS State: NY
AFS ZIP Code: 14305

Operating Status: OPERATING
Industrial Sector: Abrasive Products
Federally Reportable: No
Facility Has Been Inspected: Yes
Currently in Significant Non-compliance: No
Quarters in Violation (past 2 years):   0
Days Since Last Inspection (as of 9/14/97):   837
# of Federal Enforcement Actions: 0
# of State Enforcement Actions: 0

PCS

Facility ID: NYD000688911
PCS ID: NY0001716
EPA Region: 02
Nearest Reservation (within 5 km):   Tuscarora

PCS Facility Name: CARBORUNDUM ABRASIVES CO
PCS Street Address: 6600 WALMORE ROAD
PCS City: WHEATFIELD /T/
PCS State: NY
PCS ZIP Code: 14304

Industrial Sector: Abrasive Products
Major/Minor Discharger: Minor
Operating Status: Active
Owner Type: PRIVATE
Facility Has Been Inspected: Yes
Currently in Significant Non-compliance: No
Quarters in Violation (past 2 years):   0
Days Since Last Inspection (as of 9/14/97):   242
# of Federal Enforcement Actions:0
# of State Enforcement Actions:0

RCRIS

Facility ID: NYD000688911
RCRA ID: NYD000688911
EPA Region: 02
Nearest Reservation (within 5 km):   Tuscarora

RCRIS Facility Name: EKONOL POLYESTER RESINS
RCRIS Street Address: 6600 WALMORE RD
RCRIS City: NIAGARA FALLS
RCRIS State: NY
RCRIS ZIP Code: 14302

Industrial Sector: NA
Owner Type: Private
Facility Has Been Inspected: Yes
Currently in Significant Non-compliance: No
Quarters in Violation (past 2 years):   5
Days Since Last Inspection (as of 9/14/97):   312
# of Federal Enforcement Actions: 0
# of State Enforcement Actions: 0

5.2.3 Toxic Release Information

AILESP v.2.1 provides toxic release information for facilities that are located within five kilometers of a Tribal Area. Release data is tracked in AFS, BRS, PCS and TRIS. Therefore, release data is only available for facilities which are tracked by these data systems.

1.   In order to access Release Information, you must first select the "Facilities on or w/in 5 km of Tribal Areas" theme by clicking on it in the Table of Contents.

2.   Make sure that your view is zoomed to a proper extent.

3.   Click the AFS Release tool [AFS RELS], the BRS Release tool [BRS RELS], the PCS Release tool [PCS RELS], or the TRIS Release tool [TRI RELS] from the toolbar or select the desired option from the Facility Information menu. The cursor becomes a cross hair.

4.   Move the cross hair over the desired facility and click on it. If you have selected the AFS Release tool, make sure that you click on an AFS or Multiple Permit facility. Likewise, click on PCS or Multiple Permit facilities with the PCS Release tool, and click on TRIS or Multiple Permit facilities with the TRIS Release tool. Click on Multiple Permit facilities with the BRS tool. If the tool that you selected and the facility type do not match then a message appears indicating that no information is available.

5.   The Identify Results screen appears containing facility-specific release information. Below is an example of the information displayed in the Identify Results screen.

AFS
For each chemical:
Facility UIN
AFS ID
AFS Industrial Sector
AFS Facility Name
Pollutantl
Released Amount (lbs)
Year

BRS:
For each release:
Facility UIN
BRS ID

BRS Facility Name
BRS Industrial Sector
Permit Form
Waste Type (Waste Water or not Waste Water)
Waste Generated (lbs)
Waste Received (lbs)
Waste Managed (lbs)
Waste Shipped (lbs)
Description of waste stream

PCS

For each substance:
Facility UIN
PCS ID
PCS Facility Name
PCS Industrial Sector
Parameter Name
Chemical Abstract Number (CAS)
Pollutant
Discharge Pipe #
Loadings per year (kg) – 0 for < detection limit
Loadings per year (kg) – limit for < detection limit
Total loadings over permit (LOP) for year
Year

TRI

For each Release:
Facility UIN
TRI ID
TRI Industrial Sector
TRI Facility Name
Chemical Abstract No (CAS)
Non-point Air (kg/yr)
Point Air (kg/yr)
To Surface (kg/yr)
Underground (kg/yr)
To Land (kg/yr)
Total Discharge (kg/yr)
Accidental (kg/yr)
Year

5.3   ENVIRONMENTAL IMPACT DATA

The AILESP v.2.1 application includes environmental impact data. Using the
Environmental Impacts menu, you may view the water bodies on your map that have fish
consumption advisories, contaminated fish tissues, or contaminated sediments.

5.3.1 Fish Consumption Advisories Information

AILESP v.2.1 provides information about 1995 Fish Consumption Advisories.

6.   In order to access 1995 Fish Consumption Advisories Information, you must first select the "1995 Fish Consumption Advisories" theme by clicking on it in the Table of Contents.

7.   Make sure that your view is zoomed to a proper extent.

8.   Select the desired water body using the Select Features tool . The water body you selected is highlighted in orange.

9.   Select "Fish Advisories" from the Env. Impacts menu.

10.   The Identify Results screen opens containing information on the water body or water bodies that you selected. Below is an example of the information contained in the fish advisories Identify Results screen.

> **For each Water body:**
> Advisory Number
> Waterbody
> State
> Region
> Extent
> Ban Issuer
> Water Type
> Pollutant
> CAS Number
> Species
> Pop
> Population
> Status
> Adv. Began
> Adv. Ended
> Date Recv'd
> Last Updated
> Contact
> Phone

11.   In order to evaluate other water bodies, close the Identify Results screen using the control box, and click the Clear Selected Features button . You may now use the Select Features tool to select other water bodies of interest.

5.3.2 Contaminated Fish Tissues Information

AILESP v.2.1 provides information about 1991-1993 Contaminated Fish Tissues.

1.   In order to access 1991-1993 Contaminated Fish Tissues Information, you must first select the "1991-1993 Contaminated Fish Tissues" theme by clicking on it in the Table of Contents.

2.   Make sure that your view is zoomed to a proper extent.

3.   Select the desired water body using the Select Features tool 🔲. The water body you selected is highlighted in orange.

4.   Select "Contaminated Fish Tissues" from the Env. Impacts menu.

5.   The Identify Results screen opens containing information on the water body or water bodies that you selected. Below is an example of the information contained in the contaminated fish tissues Identify Results screen.

    For each Waterbody:
    RF1 Reach Number
    River Name
    Chemical(s)
    Chemnm(s)

6.   In order to evaluate other water bodies, close the Identify Results screen using the control box, and click the Clear Selected Features button 🔲. You may now use the Select Features tool 🔲 to select other water bodies of interest.

5.3.3 Contaminated Sediments Information

AILESP v.2.1 provides information about 1990-1993 Contaminated Sediments.

1.   In order to access 1990-1993 Contaminated Sediments information, you must first select the "1990-1993 Contaminated Sediments" theme by clicking on it in the Table of Contents.

2.   Make sure that your view is zoomed to a proper extent.

3.   Select the desired water body using the Select Features tool ▣. The water body you selected is highlighted in orange.

4.   Select "Contaminated Sediments" from the Env. Impacts menu.

5.   The Identify Results screen opens containing information on the water body or water bodies that you selected. Below is an example of the information contained in the contaminated sediments Identify Results screen.

> **For each water body:**
> RF1 Reach Number
> River Name
> Chemical(s)
> Chemnm(s)

6.   In order to evaluate other water bodies, close the Identify Results screen using the control box, and click the Clear Selected Features button ▣. You may now use the Select Features tool ▣ to select other water bodies of interest.